

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET
0256/024001SERIAL NO.
88/928,074INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(use several sheets if necessary)APPLICANT:
John S. O'BrienFILING DATE
September 11, 1997GROUP
1801 16A7

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER			ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
RCW	AA	5	5	7	1	7	8	7	11/5/96	O'BRIEN et al.	54	12	
	AB												
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION													
		DOCUMENT NUMBER		PUBLICATION DATE	COUNTRY OR PATENT OFFICE			CLASS	SUBCLASS	TRANSLATION			
RCW	AL	EP 0246753 A2		11/25/87	EUROPE					YES	NO		
	AM												
OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)													
<i>deplete</i>	AN	<u>Bennett, An Animal Model of Neuropathic Pain: A Review., Muscle and Nerve 16: 1040-1048, (October 1993)</u>											
<i>deplete</i>	AO	<u>Campana et al. Prosaptide, a Peptide Derived from Prosaposin, Induces Motor Endplate Sprouting and Prevents Taxol Neuropathy., Society for Neurosciences, 21:554</u>											
RCW	AP	<u>Hong et al.. Intercellular Adhesion Molecule-1 Expression Induced by Interleukin (IL)-1B or IL-1B Fragment is blocked by an IL-1 Receptor Antagonist and a Soluble IL-1 Receptor. Journal of Neuroimmunology 44(2):163-170 (June 1993).</u>											
<i>deplete</i>	AO	<u>Jaskowski, Neural Injury Repair: Hope for the Future as Barriers to Effective CNS Regeneration Become Clearer., British Journal of Neurosurgery 9:303-317</u>											
<i>deplete</i>	AR	<u>Kotani et al.. A Hydrophobic Peptide Comprising 18 Amino Acid Residues of the Prosaposin Sequence has Neurotrophic Activity In Vitro and In Vivo. Journal of Neurochemistry 66(5):2197-2200</u>											
RCW	AS	<u>Kotani et al.. Prosaposin Facilitates Sciatic Nerve Regeneration In Vivo, Journal of Neurochemistry 66(5):2019-2025 (May 1996).</u>											
<i>deplete</i>	PAT	<u>McMahon et al.. Peripheral Neuropathies and Neurotrophic Factors: Animal Models and Clinical Perspectives, Current Opinion in Neurobiology 5:616-624</u>											
<i>deplete</i>	AU	<u>Myers, The Pathogenesis of Neuropathies Pain, Regional Anesthesia. 20(3):173-184 (May-June 1995)</u>											
<i>deplete</i>	AV	<u>O'Brien et al., Identification of the Neurotrophic Factor Sequence of Prosaposin, The Euseb Journal 9:681-685 (May 1995)</u>											
	AW	<u>Sano et al.. Protection by Prosaposin Against Ischemia-Induced Learning Disability and Neuronal Loss, Biochemical and Biophysical Research Communications 204(2):994-1000 (Oct 28 1994)</u>											
EXAMINER	RCW Mayer							DATE CONSIDERED			7/16/00		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

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EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
RCII	AA	5	4	7	0	5	8	2	11/28/95	Supersaxo <i>et al.</i>	424	489	
duplicate	AB	5	5	7	1	7	8	7	11/5/96	O'Brien <i>et al.</i>	314	121	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
						YES
RCII	AC 0288243A2	10/26/88	EP	CO7K 7	10	
↓	AD 0405467A2	1/2/91	EP	GOIN 33	68	

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

RH	AE	Albright, "Intrathecal Baclofen in Cerebral Palsy Movement Disorders," <i>Journal of Child Neuropathy</i> 11(Suppl. 1) S29-S35 (1996).
	AF	Banks <i>et al.</i> , "Permeability of the Blood-Brain Barrier to Peptides: An Approach to the Development of Therapeutically Useful Analogs," <i>Peptides</i> 13: 1289-1294 (1992).
	AG	Bennett <i>et al.</i> , "A peripheral mononeuropathy in rat that produces disorders of pain sensation like those seen in man," <i>Pain</i> 33: 87-107 (1988).
	AH	Bennett, "An Animal Model of Neuropathic Pain: A Review," <i>Muscle & Nerve</i> 16: 1040-1048 (1993).
	AI	Calcutt <i>et al.</i> , "Tactile allodynia and formalin hyperalgesia in streptozotocin-diabetic rats: effects of insulin, aldose reductase inhibition and lidocaine" <i>Pain</i> 68:293-299 (1996).
	AJ	Campana <i>et al.</i> , "Prosaptide, a Peptide derived from Prosaposin, Induces Motor Endplate Sprouting and Prevents Taxol Neuropathy," <i>Society for Neurosciences</i> , 21:554 (1995).
	AK	Hefti <i>et al.</i> , "Chronic Administration of Nerve Growth Factor and Other Neurotrophic Factors in the Brain," <i>Neurobiology of Aging</i> 9: 689-690 (1988).
	AL	Jackowski, "Neural Injury Repair: Hope for the Future as Barriers to Effective CNS Regeneration Become Clearer," <i>British Journal of Neurosurgery</i> 9: 303-317 (1995).
	AM	Kim <i>et al.</i> , "An Experimental Model for Peripheral Neuropathy Produced by Segmental Spinal Nerve Ligation in the Rat," <i>Pain</i> , 50:355-363 (1992).
	AN	Kotani <i>et al.</i> , "A Hydrophilic Peptide Comprising 18 Amino Acid Residues of the Prosaposin Sequence Has Neurotrophic Activity In Vitro and In Vivo," <i>J. Neurochem</i> 66: 2197-2220 (1996).
	AO	Lekan <i>et al.</i> , "Behavioral responses following an experimental neuropathy in primates," <i>Soc. Neurosci. Abst.</i> 18:287 (1992).
	AP	McMahon <i>et al.</i> , "Peripheral neuropathies and neurotrophic factors: animal models and clinical perspectives," <i>Curr. Opinion in Neurobiology</i> 5: 616-624 (1995).
↓	AQ	Merck Manual, Sixteenth Edition (1992) Berkow, ed., Merck Research Laboratories, Rathway, NJ, pp. 1416-1419.

EXAMINER *R Mayer*

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						YES
						NO

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AR	Myers, "The Pathogenesis of Neuropathic Pain," <i>Regional Anesthesia</i> 20(3): 173-184 (1995).
AS	O'Brien et al., "Identification of the Neurotrophic Factor Sequence of Prosaposin," <i>FASEB J.</i> 9: 681-685 (1995).
AT	Onoprienko et al., "Synthesis and Immunogenic properties of Peptides Corresponding to 59-72 and 25-36 sequences of Human IL-2," <i>Bioorg. Khim.</i> 15(7): 908-921 (1989) (English language abstract).
AU	Pachner et al., "An Immunodominant Site of Acetylcholine Receptor," <i>Immunology Letters</i> 20: 199-204 (1989).
AV	Palacek et al., "Responses of spinothalamic tract neurons to mechanical and thermal stimuli are increased in an experimental model of peripheral neuropathy in primates," <i>Soc. Neurosci. Abst.</i> 18:287 (1992).
AW	Rudinger et al., "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence" in <i>Peptide Hormones</i> , University Park Press, 1976 pages 1-7.
AX	Sano et al., "Protection by Prosaposin Against Ischemia-Induced Learning Disability and Neuronal Loss," <i>Biochem. Biophys. Res. Commun.</i> 204 (2): 994-1000 (1994).
AY	Schubert et al., "Multiple Influences of a Heparin-Binding Growth Factor on Neuronal Development" <i>The Journal of Cell Biology</i> 104: 635-643 (1987).
AZ	Seltzer et al. "A Novel Behavioral Model of Neuropathic Pain Disorders Produced in Rats by Partial Sciatic Nerve Injury," <i>Pain</i> 43(2): 205-218 (1990).
BA	Sprang et al., "Cytokine Structural Taxonomy and Mechanisms of Receptor Engagement," <i>Curr. Opinion, Struct. Biol.</i> 3: 816 (1993).
BB	Triguero et al., "Capillary Depletion Method for Quantitation of Blood Brain Barrier Transport of Circulating Peptides and Plasma Proteins," <i>J. Neurochem.</i> 54: 1882-188 (1990).
BC	Tsarbopoulos et al., "Peptide and Protein Mapping by ²⁵² Cf-Plasma Desorption Mass Spectrometry" <i>Anal. Biochem.</i> , V. 171 pages 113-123 (1988).
BD	Wall et al., "Autotomy Following Peripheral Nerve Lesions: Experimental Anaesthesia Dolorosa" <i>Pain</i> 7: 103-113 (1979).
BE	Weiler et al., "Synthesis and Charchterization of a Bioactive 82-Residue Sphingolipid Activator Protein, Saposin C," <i>Journal of Molecular Neuroscience</i> , 4(3): 161-172 (1993).

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